

Title (en)
Electrical connection

Title (de)
Elektrische Steckverbindung

Title (fr)
Connexion électrique

Publication
EP 1662620 A3 20080402 (DE)

Application
EP 05017829 A 20050817

Priority
DE 102004057093 A 20041125

Abstract (en)
[origin: EP1662620A2] A housing (5) of a first connector (1) has a receptacle chamber (8) for first contact elements (9) and a locking device (10). A slider (19) is arranged on the housing and forms a receptacle (29) for second contact elements (3). A second connector (3) has a receptacle (31) for first complementary contacts (32), and a second locking device (33). A holding device (20,36) does not allow the slider to slide so that the second contacts make contacts with second complementary contacts (34), until the first locking device is completely connected to the second locking device.

IPC 8 full level
H01R 13/627 (2006.01)

CPC (source: EP KR US)
H01R 13/6273 (2013.01 - EP US); **H01R 13/629** (2013.01 - KR); **H01R 13/7036** (2013.01 - EP US)

Citation (search report)

- [XY] US 6325648 B1 20011204 - BILEZIKJIAN JOHN PETER [US], et al
- [YD] DE 19733893 A1 19980212 - YAZAKI CORP [JP], et al
- [A] EP 0449122 A2 19911002 - YAZAKI CORP [JP]

Cited by
EP1950843A1; EP2854231A1; EP1881571A3; WO2010003507A1; US9529161B2; EP1881571A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1662620 A2 20060531; EP 1662620 A3 20080402; DE 102004057093 B3 20060524; JP 2006156380 A 20060615; JP 4191725 B2 20081203; KR 100681357 B1 20070212; KR 20060058760 A 20060530; US 2006110957 A1 20060525; US 7217150 B2 20070515

DOCDB simple family (application)
EP 05017829 A 20050817; DE 102004057093 A 20041125; JP 2005338887 A 20051124; KR 20050112632 A 20051124; US 24660605 A 20051011